

Fig.1

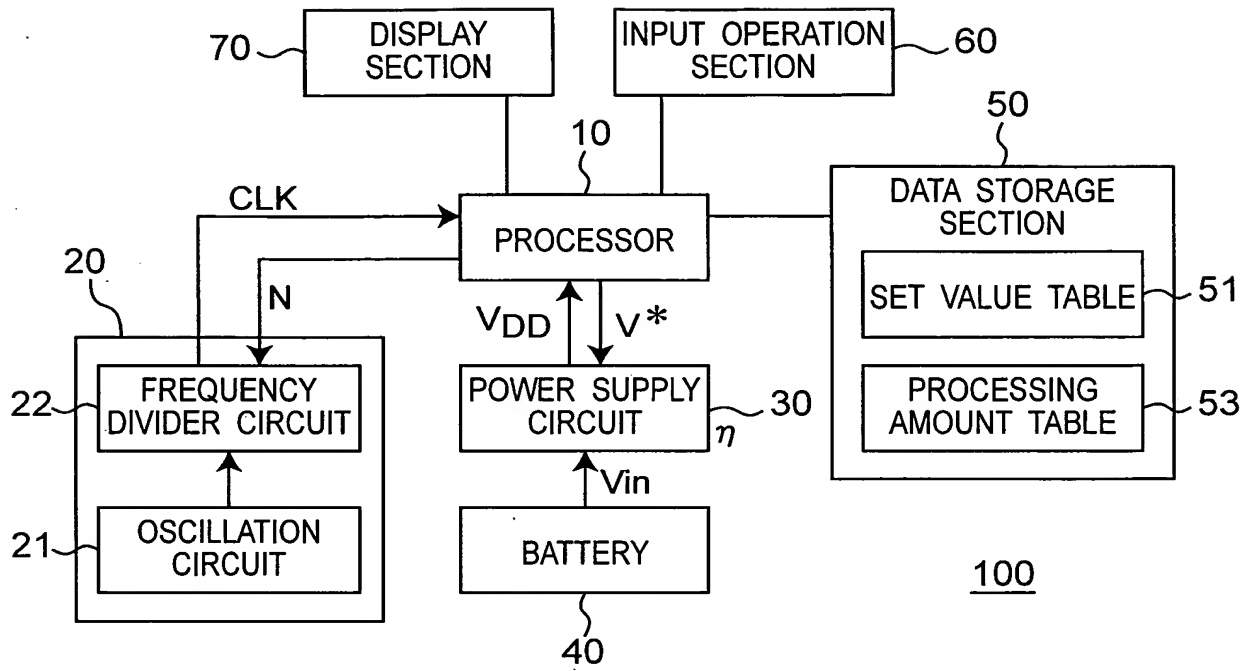


Fig.2

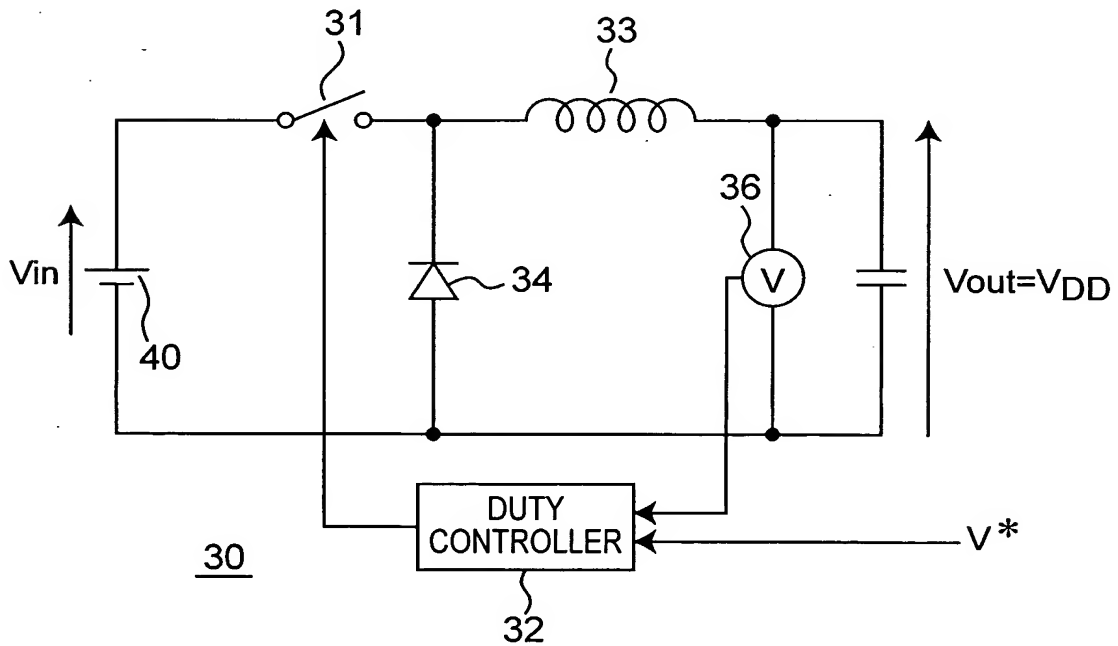
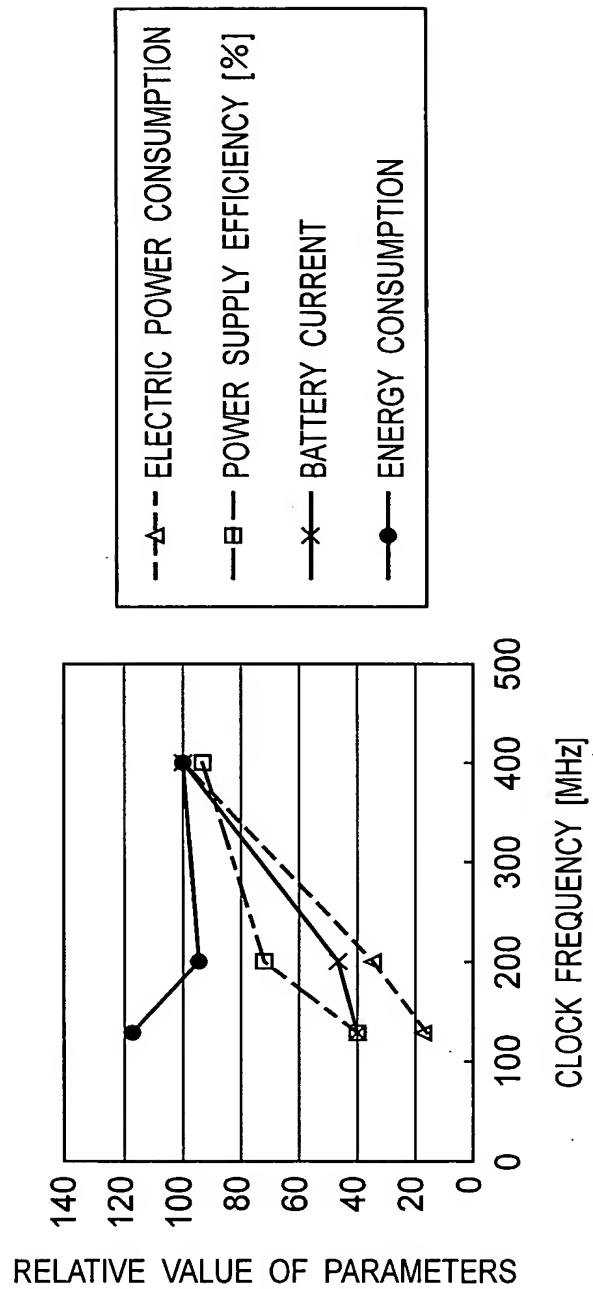
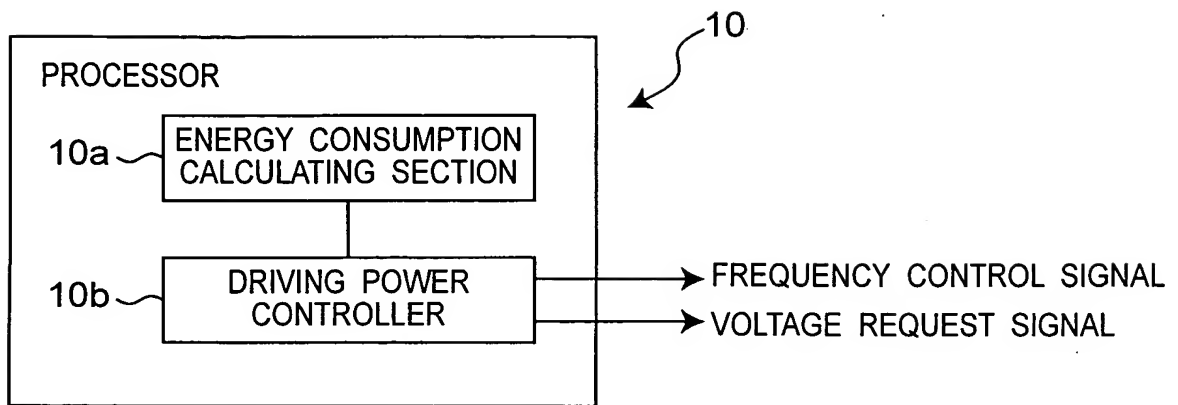


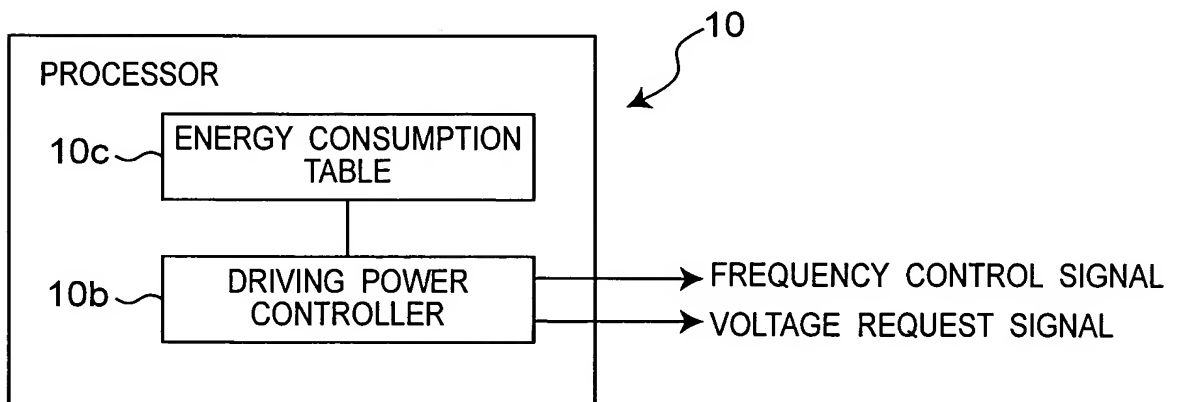
Fig.3



*Fig. 4A*



*Fig. 4B*

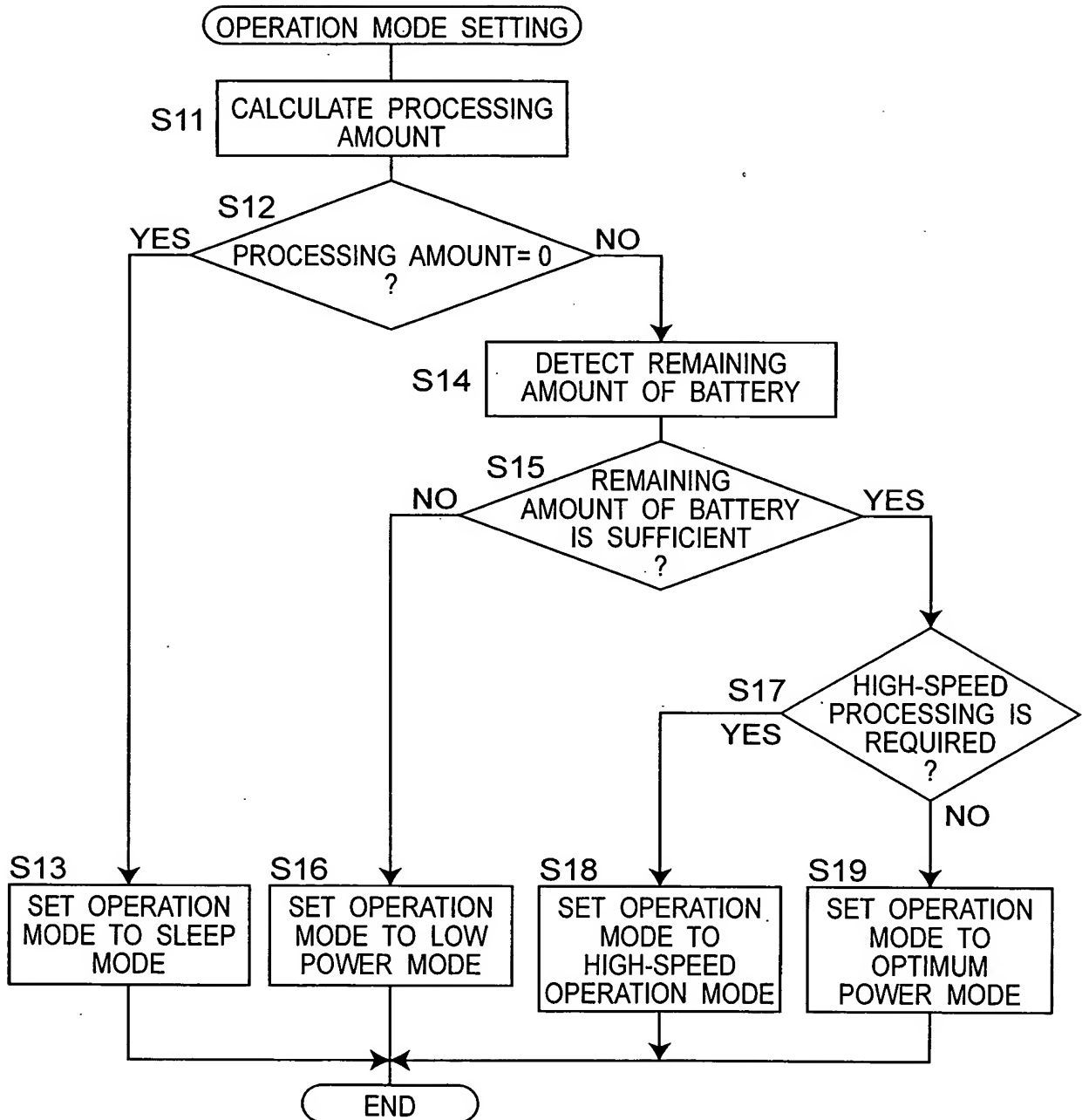


*Fig.5*

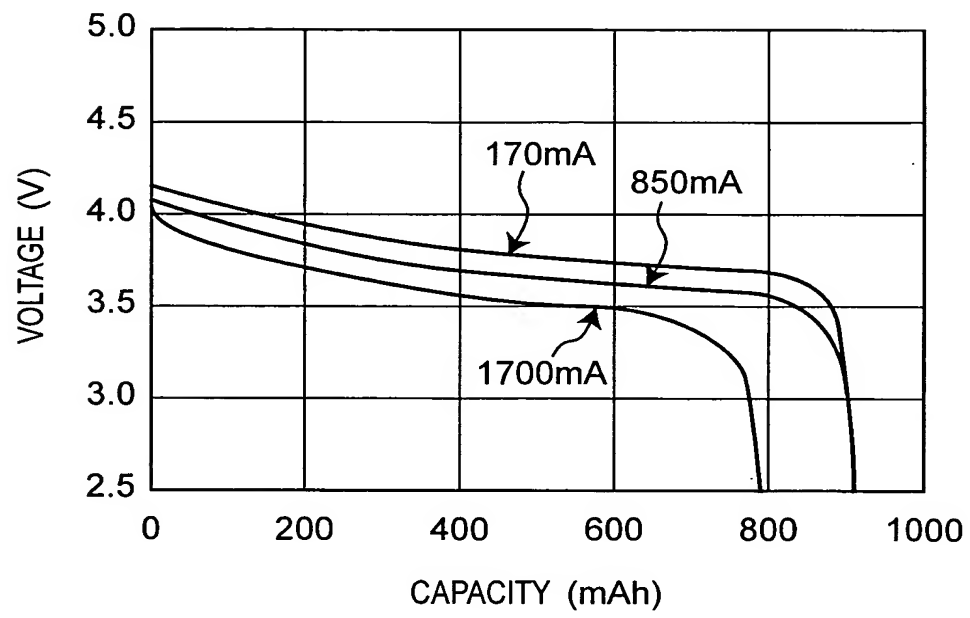
51 SET VALUE TABLE

MODE	CLOCK FREQUENCY (f)	POWER SUPPLY VOLTAGE (V <sub>DD</sub> )
HIGH-SPEED OPERATION MODE	400	1.3
OPTIMUM POWER MODE	200	1.1
LOW POWER MODE	133	0.935
SLEEP MODE	(133)	(0.935)

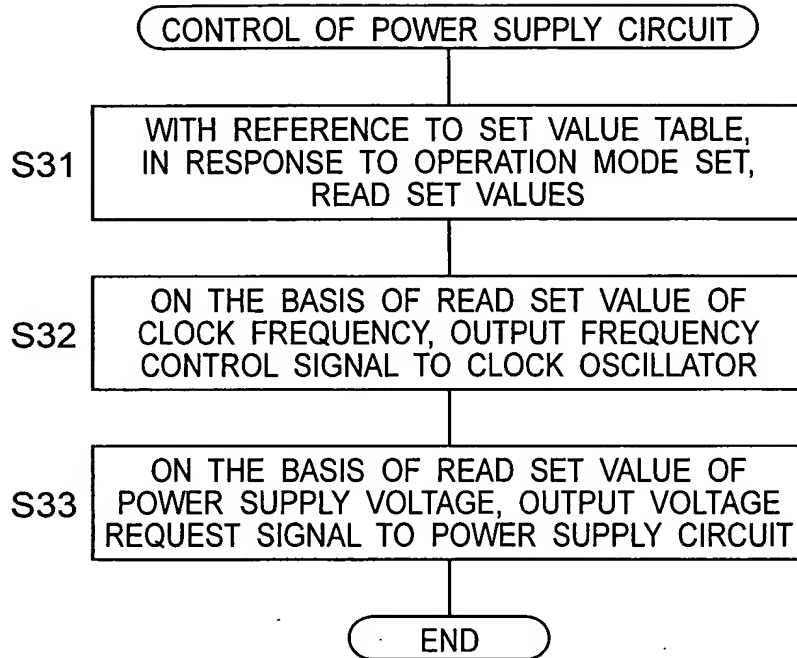
Fig.6



*Fig.7*



*Fig.8*

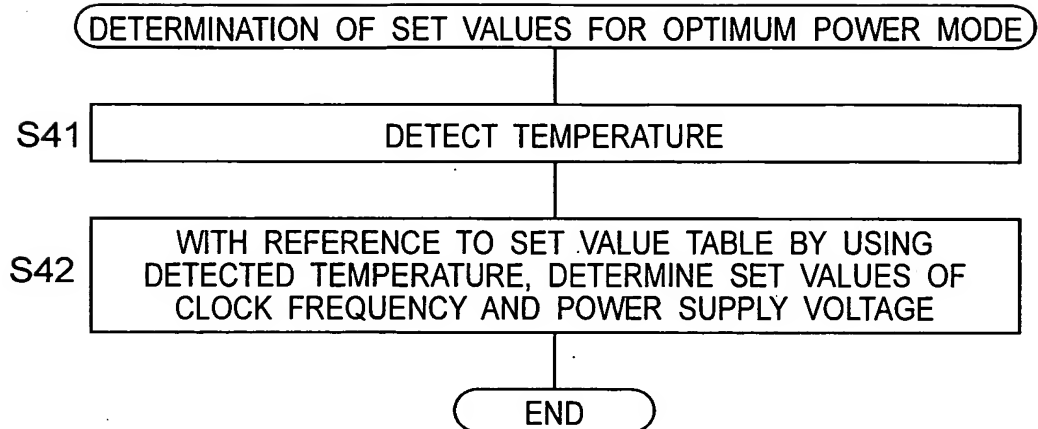


*Fig.9*

55 SET VALUE TABLE FOR OPTIMUM POWER MODE

TEMPERATURE (T)	CLOCK FREQUENCY (f)	POWER SUPPLY VOLTAGE (V <sub>DD</sub> )
T1	f1	V <sub>DD1</sub>
T2	f2	V <sub>DD2</sub>
⋮	⋮	⋮
T <sub>n</sub>	f <sub>n</sub>	V <sub>DDn</sub>

*Fig. 10*



*Fig. 11*

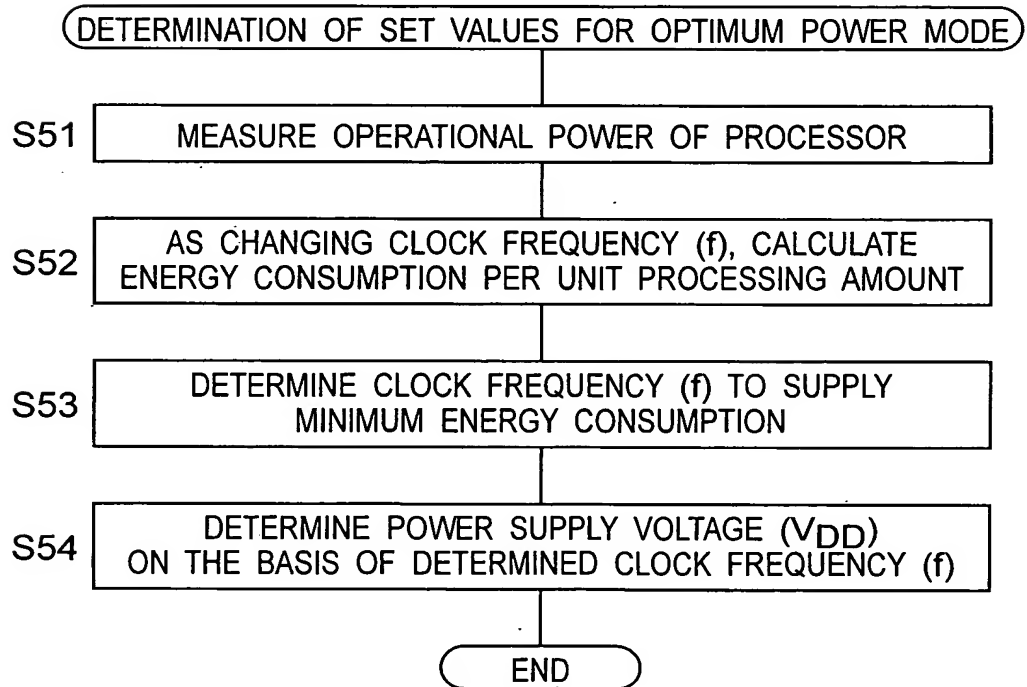




Fig.12

